BRUHAT BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Enginner, Dasarahalli Division

Schedule-B

Name of Work :-Re-Asphalting MainRoad & Cross roads at Soundarya layout & Meenakshi layout in Ward No 14.

Sl	Description of Item	Unit	Qty	Sanctioned Estimate Rates		Amount
				In Figures	In words (Rs)	
1	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications.	**Sqm**	**1500.00**	**20.25**	**Rupees Twenty & Twenty Five Paise Only**	30375.00
2	Construction of **embankment** with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller)	Cum	**450.00**	**166.32**	**Rupees One Hundred Sixty six & Thirty Two Paise Only**	74844.00
3	**For Grading I Material** Construction of **granular sub-base** by providing close graded granular sub-base Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Specifications.	**Cum**	**225.00**	**1060.56**	**Rupees One Thousand Sixty & Fifty six Paise Only**	238626.00
4	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.	**Cum**	**375.00**	**1121.04**	**Rupees One thousand One hundred twenty one & Four Paise only**	420390.00
5	Providing and applying **tack coat** on Granular base such as WBM and WMM surfaces hot bitumen primed at 10kg per 10sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.	**Sqm**	**1500.00**	**28.94**	**Rupees Twenty eight & Ninty four paise only**	43410.00
6	Cleaning the existing **black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	**Sqm**	**4560.00**	**2.59**	**Rupees Two & Fifty nine Paise**	11810.00

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7	Providing and applying **tack coat on the prepared black topped** surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.	**Sqm**	**4560.00**	**21.71**	**Rupees Twenty one & Seventy one paise**	98998.00
8	Providing and laying **semi dense bituminous concrete 25 to 30mm compacted thickness with 5% bitumen** 80/100 (gradeing II) with 100/20 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Specification	**Cum**	**181.80**	**9631.44**	**Rupees Nine thousand si hundred thiry one & Forty four Paise**	1750996.00
9	Carriage of Mixed Materials	**Cum**	**181.80**	52.11	**Rupees Fifty two & Eleven Paise**	9474.00
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	**225.00**	78.24	**Rupees Seventy eight & Twenty four paise**	17604.00
					Total	**2696527.00**
					KRIDL Charges-10%	297000.00
						6473.00
					Grand Total	**3000000.00**

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